

ABSTRACT OF THE DISCLOSURE

This pilot nozzle has a fuel oil supply pipe disposed at the center of a heat-shielding air layer that is provided along an axial core, and a plurality of atomized-fluid supply paths are disposed in the circumferential direction of a cylinder unit that surrounds the outside of the heat-shielding air layer. The atomized-fluid supply paths and the fuel gas supply paths are disposed alternately and uniformly. Based on this structure, it is possible to take a large thickness for the heat-shielding air layer to a maximum extent in a radial direction. Therefore, it is possible to protect the fuel oil supply pipe disposed at the center, from high temperature at the outside of the pilot nozzle.